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CITY OF CAMBRIDGE
BUILDING CODE

ADDITIONS, INSERTIONS, DELETIONS AND CHANGES:

The following is a schedule of additions, insertions, deletions and changes in the BOCA Basic Building Code, Fifth Edition, 1970:

Form STD-10, Department of Public Safety, Commonwealth of Massachusetts Board of Standards Building Code, which includes the aforementioned BOCA Building Code, is submitted as part of the recommended insertions.

COMMONWEALTH OF MASSACHUSETTS
BOARD OF STANDARDS BUILDING CODE
FORM STD-10

ARTICLE 1

ADMINISTRATION AND ENFORCEMENT.

Section 100.1 Change subsection to read as follows:

100.1 Title: These regulations shall be known and cited as COMMONWEALTH OF MASSACHUSETTS BOARD OF STANDARDS BUILDING CODE, hereinafter referred to as the Basic Code.

The provisions of this code shall govern the construction, reconstruction, alteration, repair, demolition, removal, use or occupancy and the standards of materials, including materials used for finish and trim, to be used in such construction, reconstruction, alteration, repair, demolition, removal, use or occupancy of any building, portion of a building or room specified in Section 100.5. They shall apply to existing and proposed building as hereinafter provided.

Add new subsections to read as follows:

100.4 Regulations covering safety during construction and aspects of construction not covered by this Basic Code are covered by other state agencies and their regulations among which are, and not necessarily limited to, the following:

Department of Public Safety:

Board of Boiler Rules;

Board of Elevator Regulations;

Board to Facilitate the Use of Public Buildings by the Physically Handicapped, Form PHR-1;

Board of Fire Prevention Regulations, including the Massachusetts Electrical Code;

Board of Schoolhouse Structural Standards, Form B-2;

Department of Public Utilities;

Department of Labor & Industries:

Industrial Bulletin No. 12;

Gas Regulatory Board, Massachusetts Code for
Installation of Gas Appliances and Gas
Piping;

Outdoor Advertising Division:

Board of State Examiners of Plumbers.

100.5 Application: Any building, portion of a building or room which is a place of assembly or which is required to be provided with proper egresses or other means of escape shall comply with the provisions of this code. Those sections which refer to one and two family dwellings shall not be included in the compulsory provisions of this code; however, those sections may be accepted by a vote of the city or town in accordance with the provisions of Section 3-I of Chapter 143.

Section 101.4 (2nd and 5th lines). Delete "zoning laws" and insert "local zoning by-laws."

Section 113.1 (3rd line) Delete "Requiring greater strength, exitway or sanitary provisions."

Section 113.2 (3rd line) Delete "prescribed in section 118" and insert "established by the local governing body."

Section 113.7 Delete last sentence and add the following: "All plans and computations shall bear the signature of the engineer or architect, licensed under laws of Massachusetts, responsible for the design."

Section 115.1 Change subsection to read as follows:

115.1 Payment of Fees: No permit shall be issued until the required fees established by the local governing body have been paid.

Section 117.2 (5th line). Delete "the provisions of article 13," Insert "Industrial Bulletin No. 12, Rules and Regulations for the Prevention of Accidents in Construction Operations, Department of Labor & Industries, Division of Industrial Safety, Commonwealth of Massachusetts."

Section 118.0 Delete entire section.

Section 119.0 Delete entire section.

Section 121.4 (2nd line). Delete "except one and two-family dwellings."

Section 122.3 (6th line). Delete "shall be guilty of a misdemeanor, punishable by a fine of not more than ----- dollars ----" and insert "shall be liable as prescribed by law."

Section 123.2 (4th line) Delete "to a fine of not more than --- dollars or more than --- dollars." Insert "as prescribed by law."

Section 124.0 Delete entire section.
Add subsection to read as follows:

124.1 Unsafe buildings shall be required to meet the provisions of Chapter 143, G.L., Section 6 through 14 inclusive.

Section 126.0 Delete entire section.

Section 127.22 Change subsection to read as follows:

127.22 Qualifications of Board Members: Each member shall be a licensed professional engineer or architect, or a builder or superintendent of building construction, or a licensed real estate broker or representative of owners, with at least ten (10) years' experience, for five (5)

(127.22, cont'd:) years of which he shall have been in responsible charge of work; and at no time shall there be more than two (2) members of the board selected from the same profession or business; and at least one of the professional engineers shall be a licensed structural or civil engineer of architectural engineering experience.

Section 127.43 (1st line) Delete "five (5)" and insert "three (3)".

Section 127.51 (2nd line) Delete "three (3)" and insert "two (2)".

Section 127.53 Determining Vote: (1st line) Delete "three (3)" and insert "two (2)." (4th line) Delete "five (5)" and insert "three (3)."

Section 128.11 Change subsection to read as follows:

128.11 Under Direct Supervision: When plans for the erection or alteration of a building are prepared by a registered professional engineer or registered architect, licensed under the laws of Massachusetts, and such plans and specifications are accompanied by an affidavit of the applicant that he has supervised the preparation of all the design plans and that he will supervise or check all working drawings and shop details for the construction; and that the structure will be built under his field supervision and in accordance with the approved plans, and that such plans conform to all the provisions of this code, and that all the materials used in the construction will be selected by him in accordance with sections 701 and 722, the building official may issue a permit for the erection of the building. The building official shall make such inspections during the progress of the work and issue such orders as he may deem essential to secure compliance with the building code.

Section 128.12. Delete subsection

Section 128.2 Change subsection to read as follows:

128.2 Special Technical Services: when applications for unusual technical design or magnitude of construction are filed, the building official may retain or accept a properly qualified registered engineer or registered architect to examine the application for a specific building operation with respect to structural safety and compliance with the Basic Code and all other statutory requirements. The cost of all tests or other investigations required under these provisions shall be paid by the applicant.

Section 129.0 Delete entire section.
Add subsection to read as follows:

129.1 Validity: Each portion of the Basic Code is intended and included to the extent not contrary to law, present and/or future; and if any portion of the Basic Code should be finally determined to be or to have become contrary to law, the remainder shall continue in full force and validity.

ARTICLE 2

DEFINITIONS AND CLASSIFICATIONS.

Add definitions or change to read as follows:

Automatic revolving door:

TYPE A revolving door, a revolving door in which the individual wings are maintained in a normal revolving position, and which are so designed and constructed that each wing is independently supported and such wing is provided with a safety release incorporated in such support, which safety release is so designed that simultaneous outward forces, exerted by persons of ordinary strength on both sides of the door pivot, will cause such wings instantly to fold back on themselves, in the direction of egress through the vestibule.

TYPE B revolving door, a revolving door in which the individual wings are maintained in the normal revolving position by braces, or similar devices, and which door is so designed and constructed that the braces which hold the wings in their normal position support two or more inter-connected wings and may be released by simple mechanical means, thereby permitting the individual wings to be collapsed so as to permit free egress through the vestibule.

Common corridor: An enclosed passageway serving a single story and with access to and from individual apartments, offices, or rooms, and leading to egresses (exitways), public hallways or stairways. Walls of said corridor shall extend from the floor to the under side of the floor or roof above and shall be permanently affixed thereto. Covering of said walls shall be made of rated materials and shall extend their entire height on both sides.

Dwellings:

-mobile home: A one-family dwelling unit of vehicular, portable design built on a chassis and designed to be moved from one site to another and to be used without a permanent foundation.

-motel: A building licensed to provide sleeping accommodations for transients and which is not licensed as a hotel or inn.

Institution: Any hospital, sanitorium, convalescent or nursing home, infirmary maintained in a city or town, private infirmary or rest home, licensed by and under the supervision of the department of public health; any hospital, sanatorium or establishment, private or public, licensed by and under the supervision of the Department of Mental Health under the provisions of Section 14 of Chapter 119.

Interior finish & trim: (see section 904.0)

Lodging House: A building where lodgings are let to five or more persons not within the second degree of kindred to the person conducting it, and shall include fraternity houses and dormitories of educational institutions, but shall not include dormitories of charitable or philanthropic institutions or convalescent or nursing homes licensed under Section 71 of Chapter 111 or rest homes so licensed.

Place of assembly: (as defined in Chapter 143, G. L.).

Public hallway: A space separately enclosed serving more than one story or a place of assembly, a miscellaneous hall, a public hall, a special hall, a theatre, church or synagogue and providing direct access from the stairways and/or elevators to an egress.

Room: An enclosed portion of a building which is appropriate for occupancy.

Story: Any horizontal portion through a building between floor and ceiling of which the ceiling is six feet or more above the average grade of the sidewalk or ground adjoining.

Structure: A combination of materials assembled at a fixed location to give support or shelter, such as a building, framework, retaining wall, tent, reviewing stand, platform, bin, fence, sign, flagpole, mast for radio antenna or the like. The word "structure" shall be construed, where the context allows, as though followed by the words "or part or parts thereof."

Wall: Cavity Wall: A wall built of masonry units or of plain concrete, or a combination of these materials, arranged to provide an air space within the wall, and in which the inner and outer parts of the wall are tied together with metal ties.

Composite wall: A wall built of a combination of two (2) or more masonry units of different materials bonded together, one forming the back-up and the other the facing elements.

Faced wall: A wall in which the masonry facing and backing are so bonded as to exert common action under load.

Hollow wall: A wall built of masonry units so arranged as to provide an air space within the wall, and in which the facing and backing of the wall are bonded together with masonry units.

Veneered wall: A wall having a facing or other weather-resisting noncombustible materials securely attached to the backing, but not so bonded as to exert common action under load.

Section 206.23 Delete

Section 208.4 (2nd line) Delete words "school", "colleges" and "educational and".

Section 216.0 (5th line) Delete "except as modified by the fire district limitations of Article 3,"

ARTICLE 3

GENERAL BUILDING LIMITATION

Section 301.1 (4th line) Delete "are described as founded by" and insert "shall be determined by the local agency."

Section 301.2 (4th line) Delete "are described as founded by...." and insert "shall be determined by the local agency."

Section 307.3 Multi-Story Buildings:
Delete first sentence.

Section 317.0 Delete entire section.
Add subsection to read as follows:

317.1 The building official may issue a permit for temporary construction. Such permits shall be limited as to time of service, but in no case shall such permits be granted for more than one year. Upon application, the building official, in his discretion, may extend such permits. All temporary construction shall conform to structural strength, fire safety, egress facilities, light, ventilation and sanitary requirements of the Basic Code necessary to insure the public health, safety and general welfare.

ARTICLE 4

SPECIAL USE AND OCCUPANCY REQUIREMENTS

Section 400.5 (6th line). Delete "article 15." and insert "Massachusetts Electrical Code."

Section 401.0 Change definitions to read as follows:

Fuel Oil: Delete.

Stage: A portion of a place of assembly, or building, or theatre, which is used for presentation of plays and other live entertainment, wherein scenery, drops or other effects may be installed or used, and where the distance between the top arch and the ceiling of the stage is more than five (5) feet and more than eighteen (18) feet behind the proscenium arch.

Section 403.1 Delete subsection.

Section 403.11 Delete subsection.

Section 403.12 Delete Subsection.

Section 406.42 (2nd line) Delete "of section 429.8".

Section 407.7 (3rd line) Delete " article 15 and the National Electrical Code" and insert "the Massachusetts Electrical Code."

Section 409.0 Delete entire section.
Add subsection to read as follows:

409.1 See Form C, Department of Public Safety.

Section 413.6 (2nd line). Delete "article 15 and the National Electrical Code" and insert "the Massachusetts Electrical Code".

Section 414.11 (5th line). Delete "four (4)" and insert "eight (8)".

Section 415.15 (4th line). Insert "Massachusetts" before "Plumbing Code."

Section 416. 2 Delete subsection.

Section 416.3 Delete subsection.

Section 418.31 (6th line). Delete "thirty-two (32)" and insert "thirty (30)".

Section 418.41 Change subsection to read as follows:

418.41 Longitudinal Aisles: The width of longitudinal aisles at right angles to row of seats and with seats on both sides of the aisle shall be not less than forty-two (42) inches. The width of the longitudinal aisles with banks of seats on one side only shall be not less than twenty-four (24) inches.

Section 418.43 Change subsection to read as follows:

418.43 Gradient: Aisles shall not exceed a gradient of two (2) inches per foot.

Section 418.53 Change subsection to read as follows:

418.53 Gradient: The rear foyer shall be at the same level as the back of the auditorium and the exits leading therefrom shall not have a steeper gradient than one (1) foot in ten feet.

Section 418.64 (4th line). Delete "article 15" and insert "the Massachusetts Electrical Code".

Section 418.69 (5th line). Delete "one-eighth (1/8)" and insert "one-twentieth (1/20)."

Section 418.84 Delete last sentence.

Section 419.3 (3rd line). Delete "thirty-six (36)" and insert "forty-two (42)".

Section 420.3 Delete subsection.

Section 422.0 Delete entire section.

Section 423.4 Delete and add the following:

423.4 Exitways: Not less than forty (40) inches exit width shall be provided for each one hundred (100) persons with a minimum width of exitway of sixty (60) inches. When the occupancy load is more than six hundred (600), there shall be at least three (3) exits and if more than one thousand (1,000) there shall be at least four (4) exits. The line of travel to an exitway shall be not more than one hundred (100) feet.

Section 424.0 Delete entire section.

Section 426.3 Delete subsection.

Section 426.4 Delete subsection.

Section 427.0 Delete entire section

Section 428.0 Delete entire section.

Section 429.1 (1st paragraph) Delete last sentence. (3rd paragraph) Delete "provided the requirements of section 429.8 are included in the installation."

Section 429.2 through 429.7 Delete subsections.

Section 429.71 Appurtenant Structures:
'5th and 6th lines) Delete " and the zoning law."

ARTICLE 5

LIGHT AND VENTILATION

Section 511.0 (5th line) Delete "article 15" and insert "Massachusetts Electrical Code."

Section 514.2 (4th line). Delete "and Article 15".

Section 518.6 (3rd line). Insert "Massachusetts" before "Plumbing Code."

Section 522.3 (3rd line). Delete "article 15 and".

Section 522.4 Delete subsection.

Section 523.0 Delete 2nd and 3rd sentences.

ARTICLE 6

MEANS OF EGRESS

Section 603.1 Change subsection to read as follows:

603.1 New Buildings: Every building and structure and part thereof hereafter erected shall have the prescribed number of exits of the approved types providing safe and continuous means of egress to a street or to an open space with direct access to a street.

Section 606.22 Delete subsection.

Section 606.32 Change subsection to read as follows:

606.32 Existing Exitways: In all buildings (other than one- and two-family dwellings), exceeding three (3) stories or forty (40) feet in height, or having more than seventy-five (75) occupants above or more than forty (40) occupants below the grade floor, all existing unenclosed stairways shall be enclosed with

606.32 (cont'd) partitions and opening protectives of two (2) hour fire resistance rating complying with article 9; or such exitways may be protected with a partial sprinkler system operated on the house water supply when approved by the building official and complying with section 1214.6. Existing enclosures of sub-standard fire resistive construction shall be replaced with two (2) hour fire-resistive assembly.

Section 608.4 Table 10, (11th line) Delete "Schools.... 40".

Section 609.3 Table 11 (5th line) Change Use Group Business under Types 1 and 2 Construction and under Type 3 and 4 Protected, to "100" instead of "150".

Section 611.1 (4th and 5th lines) Delete "and as modified in Section 611.3 and Section 621.1".

Section 611.3 Delete subsection.

Section 612.3 (6th line) Delete "ninety-six (96) inches in school buildings;"

Section 613.3 (3rd line) Delete "school and".

Section 614.1 (2nd line) Delete "seventy-five (75)" and insert "fifty (50)".

Section 614.41 Add second paragraph as follows:

The above paragraph shall not be construed as prohibiting the use on exit doors from a bank, a trust company, jewelry store, or other stores or establishments, or as otherwise determined by the building official, of a locking device which shall be used only after the normal course of business hours to prevent theft.

Section 614.42 (2nd line) Delete "one hundred (100)" and insert "fifty (50)".

Section 615.13 Change subsection to read as follows:

615.13 Supplemental Exits: Approved swinging doors shall be provided to furnish one-half ($\frac{1}{2}$) the required exit width in accordance with provisions of this article. These swinging doors shall be located on each side of and immediately adjacent to each revolving door.

Section 615.5 Change subsection as follows:

615.5 Inspection and Maintenance: The owner shall be responsible for the care, operation and maintenance of all revolving door installations after such doors are placed in operation. The Building Official may from time to time, and shall annually between December first and March first, examine each revolving door within his district. If the Building Official finds that any revolving door fails to comply with the provisions of these regulations, he shall notify the owner or person in control thereof of the changes which are necessary for compliance, and if the owner or person in control fails to make the necessary changes after reasonable opportunity has been given, shall order in writing the removal of the door. (See G.L., Chapter 143, Sections 30 and 31). Periodic inspections shall be made by the person or firm responsible for the installation at intervals of not more than three (3) months and shall maintain all parts in proper working order.

Section 615.6 Add subsection to read as follows:

615.6 Area of Safety: Revolving doors may be accredited as egress from buildings used as places of assembly, in accordance with the provisions of G.L., Chapter 143, Section 21-B, provided that the total area of safety between the revolving door and the place of assembly is sufficient to accommodate with safety one-half ($\frac{1}{2}$) the capacity of the place of assembly. For the purpose of this regulation, the area sufficient to accommodate one person shall be three (3) square feet.

Section 616.1 (8th line) Delete "except that in school buildings where supervised fire drills are conducted a double acting fire door may be substituted for the pair of doors herein specified."

Section 616.52 Delete Subsection.

Section 618.21 Change subsection to read as follows:

618.21 Width: all interior required stairways shall be not less than forty-two (42) inches in width except that such width may be reduced to thirty-six (36) inches in one- and two-family dwellings (use group L-3), or in exitways from boiler rooms and similar service spaces not open to the public or in general use by employees. When the boiler room is less than three hundred (300) square feet in area, housing a low pressure boiler, and is completely enclosed in two (2) hour fire-resistive construction with approved opening protectives or other approved direct exit is furnished to the street, the primary stairway may be omitted.

Section 618.61 (5th line) Delete 30" and insert "thirty-six (36)" and 6th line Delete "thirty-two" and insert "forty-two (42)".

Section 618.93 (7th line) Delete "except that in no case shall combustible stairs be permitted in school buildings."

Section 618.94 (5th line) Delete "shall be kept open or".

Section 620.1 (3rd line) Delete "and residential buildings accommodating more than twenty (20) individuals (use group L-1),".

Section 620.52 (2nd line) Delete "forty-four (44)" and insert "forty-two (42)".

Section 623.3 Change subsection to read as follows:

623.3 Specifications - See Dept. of Public Safety Regulations Form B-1, Section IV, Pages 21 through 25.

Section 623.31 Delete subsection.

Section 624.4 (2nd line) Delete "existing school and".

ARTICLE 7

STRUCTURAL AND FOUNDATION LOADS AND STRESSES

Section 707.1 Table 13, (11th line) Delete "schools, colleges and Sunday schools 40(d) "and insert Religious schools 50 (d)".

Section 716.5 (2nd line Delete "in sections 427 and 428 unless smaller or greater loads are demonstrated".

Section 729.0 (3rd line) Delete "the locality" and insert "four (4) feet".

ARTICLE 8

MATERIAL AND TESTS

Section 800.1 Add at end of sentence: "or by regulations of other authoritative Massachusetts state agencies."

Section 800.2 Add at end of sentence: "except where otherwise specifically provided in the Basic Code or by regulations of other authoritative Massachusetts state agencies."

Section 803.5 (4th line) Delete "boilers, section 1103", (5th & 6th lines) "electric installations, section 1503; moving stairways, elevator interlocks and safety devices, section 1603;" and (8th line) insert "Massachusetts" before Plumbing Code.

Section 816.6 (2nd line) Delete "In West Coast States up to 7 parts sand may be used" under Wall composition.

Section 865.4 (2nd line) Delete "Article 15 and the National Electrical Code." Insert "the Massachusetts Electrical Code."

Section 870.1 Change subsection to read as follows:

870.1 Design:Foundation walls shall be designed to resist frost action and shall extend to the minimum depth of four (4) feet below grade, and to support safely all vertical and lateral loads as provided in article 7. The maximum stresses due to combined load shall be within the values specified for the materials used in the construction. Unless properly reinforced, tensile stresses shall not exceed those permitted in plain masonry.

ARTICLE 9

FIRE RESISTIVE CONSTRUCTION REQUIREMENTS

Section 904.1 Delete. Refer to section 922.0 of these amendments.

Section 904.3 Add subsection to read as follows:

904.3 Interior Hanging and Decorations: Except for buildings which are covered under Chapter 148, G.L., (Terr.Ed as amended), the following standards shall apply:

Section 905.5 Add sentence to read as follows: Also refer to Board of Fire Prevention Regulations FPR-4 and FPR-11.

Section 911.6 (6th line) Delete "subject to review by a board of survey as provided in section 127."

Add new subsection to read as follows:

916.6 Alternate Protectives: In lieu of the foregoing required protectives, automatic sprinklers covering all exterior wall openings, or a water fire curtain, will be acceptable.

Section 917.1 Delete "3/4" Fire-resistance Rating in Hours of Stairway and exitway enclosures except smoke proof towers and grade passageways. Insert "1½" hours.

Add new paragraph to subsection 917.1 to read as follows:

Doors in exitways of residential and business use buildings not more than three (3) stories or forty (40) feet in height with an occupancy load of not more than forty (40) below or seventy-five (75) above grade and doors from hotel rooms (use group L-1), from hospital rooms (use group H-2), and from churches and religious structures (use group F-4) to public corridors may be of non-combustible construction or of one and three-quarters (1 3/4) inch solid-core wood doors.

Plywood face veneers not more than one twenty-eighth (1/28) inch thick shall be permitted on such doors.

Section 917.22 (16th line) Delete " National Electrical Code." and insert "Massachusetts Electrical Code."

Section 917.32 (4th line) Delete "except that when used in an exitway as permitted by section 1614 in elevator corridors and as required in section 919, the use of wired glass panels shall be limited to one hundred (100) square inches."

Section 922.0 Change section to read as follows:

922.1 Floors and Floor Coverings: Finish floors and floor coverings shall be exempt from the requirements of this section provided, however, that in any case where the enforcing authority finds a floor surface of unusual hazard the floor surface shall be considered a part of the interior finish for the purpose of this code.

922.2 Classification of Materials:

(a) The classification of interior finish materials specified in section 922.2 (b) shall be that of the basic material used, without regard to subsequently applied paint or wallpaper. However, the enforcing authority shall revise the classification of the basic material when such finishes, in the opinion of the enforcing authority, are of such characteristics or thickness or so applied as to affect materially the flame spread characteristics. This revised classification shall be that corresponding to the rating of the combination of the basic material together with the applied finish.

(b) Interior finish materials shall be grouped in the following classes, in accordance with their flame spread and related characteristics:

Class A Interior Finish. Flame Spread)-25
Includes any material classified at 25 or less on the test scale described in appendix G and any element thereof when so tested shall not continue to propagate fire.

Class B Interior Finish. Flame Spread 26-75.
Includes any material classified at 26 but not more than 75 on the test scale described in appendix G.

Class B. Interior Finish. Flame Spread 76-200.
Includes any material classified at 76 but not more than 200 on the test scale described in appendix G.

Class D Interior Finish. Flame Spread 201-500.
Includes any material classified at 201 but not more than 500 on the test scale described in appendix G.

(c) Smoke. Notwithstanding the flame spread classification of section 922.2 (a) and 922.2 (b), any material shown by test to have a life hazard greater than that indicated by the flame spread classification owing to the amount or character of smoke generated shall be included in the group appropriate to its actual hazard as determined by the enforcing authority.

(d) Fire Retardant Paints.

(1) In existing buildings the required flame spread classification of interior surfaces may be secured by applying approved fire retardant paints or solutions to existing interior surfaces having a higher flame spread rating than permitted. "Approved" shall mean a paint or solution tested by Underwriters' Laboratories in accordance with ASTM E-84-61 (NFPA No. 255 dated May 1961) and rated with flame spread classifications in accordance with the requirements set forth, and applied in accordance with manufacturer's specifications to achieve these ratings.

(2) Fire retardant paints or solutions shall be renewed at such intervals as necessary to maintain the necessary fire retardant properties. Durability and serviceability of paint shall meet the washability and leeching standards established by Federal Specification (d.o.d.) TT-P-0026b dated August 24, 1961.

(e) Trim and Other Incidental Finish. Interior finish not in excess of 10 per cent of the aggregate wall and ceiling areas of any room or space may be Class C materials in occupancies where interior finish of lower flame spread rating is required.

(f) Heavy timber structural members, mill type construction shall be exempt and no treatment of such heavy timber members will be permitted that would increase the flame spread rating of the natural untreated timber.

(g) Interior Finish and Trim Requirements by Use Occupancy. Interior finish material shall be used in accordance with requirements for individual classes of occupancy specified in Section 202 thru 213. Wherever the use of any class of interior finish is specified, the use of a higher class shall be permitted; e.g. where Class B is specified, Class A may be used.

(h) Automatic Sprinklers. Where a complete standard system of automatic sprinklers is installed, interior finish with flame spread rating one class lower than that specified in Table 16B may be used; e.g., where Class B is normally specified, an interior finish with flame spread rating not over Class C may be used.

TABLE 16B
INTERIOR FINISH REQUIREMENTS

- (a) High Hazard Use Group:
 - 1. Enclosed Stairways or Other Vertical Openings.....Class A
 - 2. Corridors.....Class B
 - 3. High Hazard Use Occupancy.....Class B
 - 4. Other Than High Hazard Occupancy..Class C
- (b) Business Use Group:
 - 1. Enclosed Stairways and Other Vertical Openings.....Class A
 - 2. Corridors.....Class B
 - 3. All Other Portions of Buildings..Class C
- (c) Assembly Use Group:
 - 1. Enclosed Stairways and Other Vertical Openings.....Class A
 - 2. Corridors.....Class A
 - 3. Portion of Building Accessible General Public.....Class B
 - 4. Portion of Building not Accessible to General Public.....Class C
- (d) Institutional Use Group:
 - 1. Enclosed Stairways and Other Vertical Openings.....Class A
 - 2. Corridors.....Class A
 - 3. All Areas With Capacities of 50 or more Persons.....Class A
 - 4. All Other Portions of Building...Class B
- (e) Residence Use Group:
 - 1. Enclosed Stairways and Other Vertical Openings.....Class A
 - 2. Corridors.....Class B
 - 3. All other Portions of Building...Class C

(f) Mixed Occupancies:

In case two or more classes of occupancy occur in the same building or structure, or portion thereof, the requirements for each use occupancy shall apply to that portion of the building occupied by that use group; and if there should be conflicting provisions, the requirements securing the greater safety shall prevail.

(g) Doubtful Occupancies:

Wherever there is any uncertainty as to the classification of a building's occupancy, the building official shall determine the classification within which it falls, according to the relative fire hazard involved.

Section 925.2 Add the following: " Materials used shall be approved by the local fire authority."

Section 927.72 (4th line) Insert "Massachusetts" before Plumbing Code.

Section 928.2 Change subsection to read as follows:

928.2 Within the Fire Limits: Within the limits of Fire Districts No. 1 and 2, all roof coverings shall comply with the requirements of Section 903.5 for class A, B or C roof coverings.

ARTICLE 10

CHIMNEYS, FLUES AND VENT PIPES

Section 1000.0 - Scope: Change section as follows:

The provisions of this article shall control the design and construction of all chimneys and vents hereafter erected or altered in all buildings and structures. Gas vents and gas appliances shall be controlled by the regulations of the Gas Regulatory Board.

Section 1002.0 (3rd line) Delete "gas appliances".

Section 1002.11 Delete subsection.

Section 1005.0 (1st line) Delete "except electric and gas-fired appliances specifically exempted by the provisions of section 1011,"

Section 1011.0 (1st line) Delete "gas-fired and"

Section 1011.1 Delete 3rd and 5th items:

"3) Gas incinerators;

5) built-in domestic cooking units;"

Section 1011.3 thru 1011.33 Delete subsections.

Section 1011.39 Delete subsection.

Section 1011.42 - Item 2) Delete.

Section 1011.46 (2nd sentence) Delete.

Section 1012.0 Delete entire section.

Section 1013.3 (2nd line) Delete "except as provided for vent flues from gas-fired appliances in section 1012.7."

Section 1015.0 (2nd line) Delete "or gas-fired incinerators of not more than four (4) bushel capacity."

ARTICLE 11

HEATING EQUIPMENT AND APPLIANCES - MOUNTING, CLEARANCES AND CONNECTION.

Section 1100.3 Change subsection as follows:

1100.3 Labeled Heating and Cooking Appliances: Approved oil-fired warm air furnaces, floor furnaces, unit heaters, domestic incinerators, cooking and heating stoves and ranges and other heating equipment, inspected and listed by

accredited authoritative agencies (Appendix A), shall be accepted by the building official when installed with the reduced clearances and details of installation therein recommended, provided they meet the requirements of the Basic Code for fire protection.

Section 1103.0 Delete entire section. Add subsection to read as follows:

1103.1 All boilers and unfired pressure vessels shall be subject to the provisions of Chapter 146 of the General Laws.

Section 1104.0 (1st line) Delete "liquid or gas" and insert "or liquid fuels".

Section 1115.7 (11th line) Delete " complying with section 1011.3"

Section 1127.3 (1st line) Delete "gas burning".

Section 1128.1 (2nd and 6th lines) Delete "Gas" and (9th line) delete "in accordance with section 1012.2".

Section 1128.7 (7th line) Delete "in section 1005.9".

Section 1129.0 Delete entire section.

Section 1138.4 (3rd line) Delete "National Electrical Code" and insert "Massachusetts Electrical Code."

ARTICLE 12

FIRE PROTECTION AND FIRE EXTINGUISHING EQUIPMENT

Section 1200.0 (6th line) Delete "National Electrical Code" and insert "Massachusetts Electrical Code."

Section 1202.0 Change section to read as follows:

1202.0 Before any standpipe or sprinkler equipment is installed or existing equipment which involves ten (10) or more sprinkler heads in any one fire area or on any one floor is remodelled, or before the installation or extension of any interior fire alarm signal system, a preliminary set of plans, drawn to suitable scale, shall be filed with the building official with specification in sufficient detail showing essential features of the construction, heights of stories, location, size and arrangement of all required piping, auxiliary booster pumps, alternate power sources and accessories for each proposed standpipe fire line and sprinkler installation and layout and wiring of the fire alarm signal system.

Section 1203.13 (2nd line) Delete "required under the provisions of article 13"

Section 1207.61 (3rd line) Delete "as required in section 1319."

Section 1213.7 (3rd line) Insert " Massachusetts" before Plumbing Code.

Section 1217.1 (4th line) Delete "as provided in section 1608.2."

Section 1218.14 (2nd line) Delete "as provided in article 13;"

Section 1220.0 Delete entire section.

ARTICLE 13

PRECAUTIONS DURING BUILDING OPERATIONS.

Delete entire article and refer to following:

Dept. of Labor and Industries Industrial
Bulletin No. 12.

ARTICLE 14

SIGNS AND OUTDOOR DISPLAY STRUCTURES

Section 1400.1 Delete subsections.

Sections 1403.1, 1403.11, 1403.12, 1403.13, 1403.15, 1403.21 Delete subsections.

Section 1409.2 (3rd line) Delete "National Electrical Code" and insert "Massachusetts Electrical Code."

Section 1409.51 (3rd line) Delete "when permitted in section 1410.3"

Section 1409.52 Change subsection as follows:

1409.52 Sign Facings: Sign facings may be made of approved combustible plastics provided the area of each face is not more than one hundred (100) square feet.

Section 1410.2 through 1410.5 Delete subsections.

Section 1416.1 (4th line) Delete "National Electrical Code" and insert "Massachusetts Electrical Code."

ARTICLE 15

ELECTRIC WIRING AND EQUIPMENT

Delete entire section and add the following:

Electric Wiring and Equipment shall be in accordance with the Massachusetts Electrical Code, Form FPR-11.

ARTICLE 16

ELEVATOR, DUMBWAITER AND CONVEYOR EQUIPMENT, INSTALLATION AND MAINTENANCE

Section 1600.0 Delete entire section and add the following:

Refer to regulation of the Board of Elevator Regulations.

Section 1602.0 through 1609. Delete.

Section 1610.11 (3rd line) Delete " conforming to section 1614 and article 9".

Section 1612.0 through 1620.0 Delete.

Section 1621.12 Delete

Section 1621.2 (7th line) Delete "as provided in section 522.4."

ARTICLE 17

PLUMBING, DRAINAGE AND GAS PIPING

Delete article and substitute the following:

1700.1 Plumbing to be in accordance with the Massachusetts Plumbing Code.

ARTICLE 18

AIR CONDITIONING, REFRIGERATION AND MECHANICAL VENTILATION

Section 1811.1 (5th line) Insert "Massachusetts" before Plumbing Code.

ARTICLE 19

PREFABRICATED CONSTRUCTION

Section 1900.4 (2nd line) Delete "the zoning laws or" and (3rd line) delete "name of municipality".

Section 1902.5 (3rd line) Delete "article 15 for electrical, article 17 for plumbing"

Section 1907.2 (3rd line) Delete "or he may accept the recommendations of the Building Officials Conference in respect thereto."

Section 1917.0 Change section to read as follows:

See Massachusetts Plumbing Code and regulations of Gas Regulatory Board.

Section 1919.0 (3rd line) Delete "National Electrical Code" and insert "Massachusetts Electrical Code."

CITY OF CAMBRIDGE
BUILDING CODE



ADDITIONS, INSERTIONS,
DELETIONS AND CHANGES

ADDITIONS, INSERTIONS, DELETIONS AND CHANGES:

The following is a schedule of additions, insertions, deletions, and changes in the BOCA Basic Building Code, Fifth Edition, 1970:

Form STD-10, Department of Public Safety, Commonwealth of Massachusetts Board of Standards Building Code, which includes the aforementioned BOCA Building Code, is submitted as part of the recommended insertion.

Page 1 -

Section 100.0 Scope

100.1 Title

2nd line & 7th line (name of municipality)
insert, City of Cambridge

Page 3 -

Section 105.0 Change in Existing Use

105.1 Continuation of Existing Use:

2nd line (date of adoption of this code) insert,
June 26, 1972

Page 4 -

Section 107.0 Department of Building Inspection

107.1 - Delete entire section and replace with the following:

Section 107.0 Building Department and Personnel

107.1 Building Department.

There shall be in the City of Cambridge, Massachusetts, a department to be called the Building Department, which shall be under the charge and supervision of the Superintendent of Public Buildings, hereinafter referred to as the

107.1 Building Department (Cont'd)

Building Commissioner, who shall also be the inspector of buildings. Wherever the words "Building Official" occur in this Code they shall mean "Building Commissioner".

107.2 Appointment of Building Commissioner.

The Building Commissioner shall be appointed by the City Manager in accordance with the Civil Service Law; and he shall receive such salary as shall be fixed by ordinance.

107.3 Duties of Building Commissioner.

The Building Commissioner shall have charge of repairs and maintenance of all city-owned buildings not wholly in the charge of some other department or board. He shall have sole charge of the construction of buildings erected by the City of Cambridge or any department thereof. It shall be his duty to enforce the provisions of this Code, or of any subsequent amendment thereof. The Building Commissioner is hereby designated as the Inspector of Building Wiring as provided in Chapter 208, Acts of 1941, entitled "An act relative to the inspection and supervision of electrical wiring within buildings and structures in the City of Cambridge," approved April 24, 1941, and shall have all the power and supervision set forth in said chapter.

107.4 Qualification of Building Commissioner.

The Building Commissioner shall have had at least ten (10) years' experience as a structural engineer, a superintendent of building construction, an architect, or a building inspector in the department.

107.5 Acting Building Commissioner.

The Building Commissioner shall have the power to appoint a member of the department to exercise all of the powers and duties of the Building Commissioner during the absence or disability of the Building Commissioner.

107.6 Employees of the Department.

a. Appointment of Inspectors and Employees. The Building Commissioner shall appoint, in accordance with the Civil Service Laws, a clerk, Building, wiring, plumbing, gas-fitting, and elevator inspectors, a structural engineer, or any such assistant as may be required for the general administration of the department.

b. Qualifications of Inspectors - Building Inspector. No person shall be appointed the inspector of buildings who has not had at least five years' experience as a general building contractor, architect, engineer, superintendent of construction, or foreman in building construction.

Elevator Inspector. An elevator inspector shall have had at least five years' experience in charge of the installation of elevators and escalators.

Plumbing and Gas Inspectors Plumbing and gas inspectors shall hold a master license in their respective trades for a period of at least five years prior to being appointed.

Wiring Inspector A wiring inspector shall hold a journeyman or a master electrician's license for at least three years prior to being appointed.

c. Relief from Personal Responsibility The Building, Gas, Elevator, Plumbing, and Wiring Inspectors charged with the enforcement of this Code shall not be personally liable while acting for the City and they are hereby relieved from all personal liability for any damage that may accrue to persons or property as a result of any act or failure to act as required or permitted in the discharge of their official duties.

107.7 Department Regulations.

The Building Commissioner, structural engineer, inspectors and other offices employees connected with the building department shall not be engaged in the making of plans and writing of specifications or be interested in any other business pertinent to the building industry, except as an owner of a building or structure.

107.8 Building Commissioner to Assign Duties

The Building Commissioner shall have the power to assign such duties to all the inspectors and employees as he may deem proper for the administration of the department and the enforcement of the building code and zoning ordinance.

Page 6 -

Section 108.0 Duties and Powers of Building Official

108.6 Department Records:

6th line delete semi-colon & word "and" insert a period and a new additional sentence:

All records of the Department, except plans and specifications, shall be public records.

Plans and specifications shall not be subject to inspection by persons other than the persons filing them, and the owner of the premises affected, or the architect or engineer who prepared such plans and specifications, except by order of the Superintendent or of a Court of Law or Chancery.

Add Section 108.8:

"108.8 Amendments to Code: This Code shall be reviewed at least annually by the Building Commissioner with the assistance of an appointed "Building Code Revision Committee;" Recommended revisions shall be made to the City Council for Code Amendment. Such review shall include the study of revisions by BOCA to the Basic Code, revisions by the Massachusetts Department of Public Safety, as well as applicable local regulations."

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Section 116.0 Demolition of Buildings

116.1 Service Connections:

Line 4 - after word "connections", add "and shall also notify the Fire Department".

Line 7 - at end of paragraph, add, "and a clearance from the Fire Department is submitted".

add an additional section:

Section 116.2 Notice of rodent control:

No permit shall be issued to demolish or remove any structure until a notice has been received from the Health Commissioner that proper measures have been taken for the eradication or prevention of spread of rodent and vermin from the premises.

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Section 118.0 Fees

118.1 Delete present section and insert:

118.1

<u>Description</u>	<u>Fee</u>
1. All buildings and structures	\$1.00 per \$1,000 or fraction thereof Max. fee \$5,000. Min. fee \$10.00
2. Alterations and Additions to cost	
less than \$100.	\$2.00
From \$101 to \$200.	\$4.00
From \$201 to \$300.	\$6.00
Over \$300. and less than \$5,000.	\$8.00
\$5,000 and over	\$1.00 per \$1,000.or fraction thereof Max, fee \$2,000.

<u>Description</u>	<u>Fee</u>
3. Amendments to plans	\$2.00 per \$1,000. or fraction thereof of cost of work in excess of \$1,000. No fee if cost is \$1,000. or less
4. Demolition of bldgs. or structures to cost less than \$100.	\$2.00
From \$101. to \$200.	\$4.00
From \$201. to less than \$1,000.	\$10.00 plus \$1.00 per \$500. or fraction thereof. Max. fee \$1,000.
5. Preliminary permits for foundations under Section 114.7	Same as alterations and Additions (Item 2, above)
6. All signs	
Less than \$100.	\$2.00
From \$101. to \$200.	\$4.00
From \$201. to \$300.	\$6.00
From \$301 to \$1,000.	\$10.00
Over \$1,000.	\$10.00 plus \$1.00 per \$1,000 or fraction thereof
7. Initial installation of elevators, dumb-waiters and moving stairways	\$2.00 per \$1,000. or fraction thereof
8. Alterations, replacements or renewal of parts of an elevator dumbwaiter or moving stairway	\$2.00 per \$1,000. or fraction thereof

<u>Description</u>	<u>Fee</u>
9. Annual safety test of elevators and moving stairway	\$10.00 per car
10. Annual Inspection of dumbwaiters	\$2.00 per car
11. Inspection and testing of builder's hoist	\$10.00 per car
12. Petition to Board of Appeal	\$25.00
13. Certificate of Occupancy	\$2.00
14. Copy of permit Application	\$1.00
Copy of Board of Appeal Decision	\$1.00
Copy of other records on file, per page	\$1.00
15. Places of assembly Inspection Certificate Notice (Yellow Cards) less than 100 capacity	\$5.00
Notice (White Cards) over 100 capacity	\$5.00
	\$10.00
16. Moving building	Same as Item 2 (Alterations & Additions)
17. Builder's license	\$10.00
One year renewal	\$ 5.00
Beyond one year plus 30 days	\$10.00
118.2 Delete present section and insert:	

118.2 PLUMBING and GAS-FITTING

<u>Description</u>	<u>Fee</u>
1. Heating units each	\$5.00 each
2. High pressure units 15 P.S.I. or over	\$10.00
Each additional.. 5 P.S.I.	\$ 1.00
3. New plumbing up to 10 fixtures	\$15.00
Above 10 fixtures	\$ 1.00 each
4. * Alterations in plumbing Up to 10 fixtures	\$7.00
Above 10 fixtures	\$1.00 each
5. Gas fitting, new and alterations, to cost less than \$100.	\$2.00
From \$10. to \$200.	\$4.00
From \$201 to \$300.	\$6.00
From \$301 to \$2,000.	\$10.00
Over \$2,000.	\$10.00 plus \$2.00 per \$1,000. or fraction thereof
6. Sprinklers, up to 10 Sprinkler heads	\$10.00
Additional heads	\$.50 each, per additional head
7. Fire lines and/or stand- pipe installations	\$10.00 plus \$2.00 for each hose out- let and cabinet whether there is one or more sprinkler head/s connected to the system

<u>Description</u>	<u>Fee</u>
8. Air conditioners (no permit shall be required for portable room units)	
Up to 25-ton unit	\$10.00
Over 25-ton unit	2.00

*Alterations will be considered as replacement of existing fixtures only.

118.3 Delete present section and insert:

118.3 Electrical Fees. Initial charge made on all permits issued : \$1.50

1. Receptacles

15 ampere, each	\$.25
20 ampere per circuit (appliance, commercial)	\$1.00
30 ampere per circuit (dryers)	\$2.00
60 ampere per circuit (ranges)	\$3.00
2. Fixtures, Lighting, signs,
Projectors, each 100 watts
(min. 50 watt per fixture) \$.25
3. Motors

Less than 1 H.P.	\$.50
1 H.P.	\$1.00
Each additional H.P.	\$.25
4. Heating devices

Less than 1,000 watts	\$1.00
Each additional 1,000 watts or fraction thereof	\$.25
5. Source of Supply

Service, each 100 ampere or fraction thereof	\$1.00
Each meter connection	\$.75

- | | |
|---|---------|
| Generator of 10 kilowatt capacity or less | \$2.00 |
| Each additional 10 kilowatt capacity | \$1.00 |
| Transformers of 10 kva capacity or less Low Tension | \$2.00 |
| Each Additional 10 kva capacity Low Tension | \$1.00 |
| High Tension Transformer | \$10.00 |
| Signalling or ignition transformers, each | \$.50 |
| Rectifiers of 10 kva capacity or less | \$2.00 |
| Each additional 10 kva capacity | \$1.00 |
| 6. Oil burners (domestic) | \$1.00 |
| Gas Burners (domestic) | \$1.00 |
| Carnivals, Fairs (outside, 30 days or less) | \$1.50 |
| Loudspeaker Amplifier | \$1.00 |
| 7. The fee for alterations and relocations will be the same as that charged for new work. | |
| 8. A charge of \$2.00 will be made for inspection of corrected defective work. (When defects reported by the Department have been corrected, a permit must be obtained before re-inspection may be made) | |
| 9. Work done by others than Electrical Contractors, etc: | |
| Any person, firm or corporation other than electrical contractor and public service corporation who employs one or more electricians permanently to do electrical work, may obtain a permit covering the work done by such permanent electrician for a period of time, to be determined in each case. The fee for electrical work done under such permit will be the same according to this | |

118.3 Electrical Fees (9 cont'd)

schedule that would be charged had a separate permit been given for each job. A preliminary fee of \$1.50 will be charged for each permit issued.

118.4 Delete present Section and Insert:

118.4 Fees for work started prior to Obtaining Permit.

Where work for which a permit is required by this Code is started or proceeded with prior to obtaining said permit, the fee previously specified shall be tripled but the payment of such triple fee shall not relieve any person from fully complying with the requirements of this Code in the execution of the work nor from any other penalties prescribed herein.

Delete 118.5, 118.6, 118.7 and insert Section 118.5
Section 118.5:

"118.5 Record and Transfer of Fees: The Building Commissioner shall keep a permanent, accurate account of all fees and other monies collected and received under this Code, the names of persons upon whose account the same were paid, and the date and amount thereof. Such fees and monies shall be transferred to the Office of the City Treasurer at the end of each day of business."

Page 13 -

Section 119.0 Volume Computation

Delete entire section.

Page 15 -

Section 122.0 Violations:

122.3 Violation Penalties:

7th line - - - insert one hundred (\$100.00)

Page 16 -

Section 123.0 Stop-Work Order

123.2 Unlawfull Continuance:

4th line - - - insert fifty (\$50.00)

5th line - - - insert one hundred (\$100.00)

Page 18 -

Section 126.0 Board of Survey

Delete entire section

Page 19 -

Section 127.0 Board of Appeals

Revise Section 127.21 :

"127.21 Membership of Board: The Board of Appeals shall consist of the Chief of the Fire Department or his designee, and four (4) members appointed by the chief appointing authority of the municipality, one member to be appointed for four (4) years, one for three (3) years, one for two (2) years, and one to serve one (1) year; and thereafter each new member to serve for four (4) years or until his successor has been appointed."

127.22 Qualifications of Board Members:

One member shall be a practicing attorney with at least ten (10) years experience; the remaining members shall be a licensed...

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Section 200.0 Scope

End of 3rd line (name of municipality),
City of Cambridge

200.2 Application of Other Laws:

3rd line (name of municipality) insert, City of
Cambridge

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Section 300.0 Scope

2nd line (name of municipality) insert, City of
Cambridge

Section 301.0 Fire District Subdivisions

delete the word "Subdivisions" from the heading

delete the remaining paragraphs and insert:

- a. North of Massachusetts Avenue. Starting at a point 100 ft. north of Massachusetts Avenue on the Arlington-Cambridge City line, thence, in a general direction, easterly and parallel to Massachusetts Avenue to a point 100 ft. north of the intersection point of Peabody St. and Massachusetts Avenue; thence easterly and perpendicular to Peabody St. to a point 100 ft. east of Peabody St.; thence southerly and parallel to Peabody St. to a point 100 ft. north of Massachusetts Avenue; thence easterly and parallel to Massachusetts Avenue to a point 100 ft. east of Quincy St.; thence southerly and parallel to Quincy St. and as extended to a point 100 ft. north of Massachusetts Avenue; thence easterly and parallel to Massachusetts Avenue to the centerline of Inman St.; thence northerly following the centerline of Inman St. to the centerline of Austin St.; thence easterly following the centerline of Austin St. to the centerline of School St.; thence easterly following the centerline of School Street to the centerline of Windsor St.; thence northerly following the centerline of Windsor St. to the centerline of Harvard St.; thence easterly following the centerline of Harvard St. to the centerline of Clark St.; thence northeasterly following the centerline of Clark St.

Section 301.0 Fire District Subdivisions (cont'd)

to the centerline of Hampshire St.; thence southeasterly following the centerline of Hampshire St. to the centerline of Portland St.; thence northeasterly following the centerline of Portland St. to the centerline of York St.; thence easterly and at right angles to Portland St. to the centerline of Ninth St.; thence southerly following the centerline of Ninth St. to the centerline of Bent St. to the centerline of Third St.; thence northeasterly following the centerline of Third St. to the centerline of Spring St.; thence westerly following the centerline of Spring St. to a point 100 ft. west of the wseterly line of Third St.; thence northerly and parallel to Third St. to a point 100 ft. south of the southerly line of Cambridge St.; thence westerly and parrallel to Cambridge St. to a point 100 ft. east of the easterly line of Fayette St.; thence northerly and at right angle to Cambridge St. to the Somerville line; thence easterly along the Somerville line to the center of Springfield St.; thence southerly through the centerline of Springfield St. to a point 100 ft. north of Cambridge St.; thence easterly and parallel to Cambridge St. to the centerline of Third St.; thence northerly through the centerline of Third St. to the centerline of Bridge St.; thence easterly along the centerline of Bridge St. to the shore line of Charles River.

- b. South of Massachusetts Avenue. Starting at a point located 100ft. south of the southerly line of Massachusetts Avenue on the Arlington-Cambridge City line, thence, in a general direction, easterly and parallel to Massachusetts Avenue to the junction of the extension of the centerline of Follen Street; thence wseterly and southerly following the extension and centerline of Follen St. to the centerline of Waterhouse

Section 301.0 Fire District Subdivisions (b)
(cont'd)

St.; thence easterly through the centerline of Waterhouse St. to a point 100 ft. distant west from the westerly line of Massachusetts Avenue; thence southerly along Massachusetts Avenue, to the centerline of Church St.; thence westerly following the centerline of Church St. to the centerline of Brattle Street; thence northerly following the centerline of Brattle St. to the centerline of Story St.; thence southwesterly following the centerline of Story St. to a point 100 ft. west of the westerly line of Brattle St.; thence southerly and parallel to Brattle St. to the centerline of Mifflin Place; thence southwesterly following the centerline of Mifflin Place to the centerline of Mt. Auburn St.; thence westerly following the centerline of Mt. Auburn St. to the centerline of University Rd.; thence southwesterly following the centerline of University Rd. and University Rd. extension to the shore line of Charles River; thence southerly and easterly following the shore line of Charles River to the extension of the centerline of DeWolfe St.; thence northerly following the centerline of DeWolfe St. extension and DeWolfe St. to a point 100 ft. south of the southerly line of Mt. Auburn St.; thence easterly and parallel to Mt. Auburn St. to a point intersecting with a line 100 ft. south of the southerly line of Massachusetts Avenue; thence easterly and parallel to Massachusetts Avenue to the centerline of Pleasant St.; thence southerly following the centerline of Pleasant St. to the centerline of Auburn St.; thence southeasterly following the centerline of Auburn St. to the centerline of Brookline St.; thence southerly following the centerline of Brookline St. to the centerline of Emily Street; thence easterly through the

301.0 Fire District Subdivisions (Cont'd)

centerline of Emily St. to a point 100 ft. east of the easterly side of Brookline St.; thence southerly and parallel to Brookline St. to the centerline of Henry St. thence westerly through the centerline of Brookline St.; thence southerly through the centerline of Brookline St. to the shore of Charles River; thence easterly and northeasterly following the shore line of Charles River to the centerline of Bridge St., at the point of beginning.

- c. Area within Boundary. The area within boundary lines of the fire district constitutes the mercantile and business sections along Massachusetts Avenue, Harvard Square, Central Square, a portion of Cambridge St. and the greater part of the eastern end of Cambridge Along the Charles River.

Retain "Section 302.0 General Fire District Provisions."

Delete 302.1, 302.2, 302.3

Retain Section 302.31 and renumber as Section 302.1.

Retain Section 302.4 and renumber as Section 302.2

Retain Section 302.5 and renumber as Section 302.3 (line 4, delete "and 304").

Retain Section 302.6 and renumber as Section 302.4.

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Section 401.0 Definitions

Bottom of Page

"Mobile Home" add at end of sentence (see Zoning Ordinance)

Page 62

Middle of Page

"Travel trailer" add at end of sentence (see Zoning Ordinance)

Page 99

Section 425.0 Mobile Dwelling Units

delete entire section.

Page 155

Section 711.0 Roof Loads

711.1 Minimum Roof Load:

2nd line: Change twenty (20#) pounds to forty (40#) pounds

delete in 3rd line sentence beginning with "In areas subject" and ending with "designated in section 712.2"

Page 156

Section 712.0 Snow Load

delete section 712.2

Page 165

Section 729.0 Depth of Footings:

end of third line replace "the locality" with "four (4') feet

delete on last line "unless such frozen condition is of a permanent character".

Page 345

Section 1308.0 Excavations:

1308.21 Deep Excavation

2nd line - - - ten (10')

1308.22 Shallow Excavations

2nd line - - - ten (10')

Page 355

Section 1408.0 Bonds and Liability Insurance

1408.1 Filing Bond

end of 3rd line, - - - delete "of" and "as herein required" and insert "to be determined in action before the City Council".

1408.2

4th line (name of municipality) insert City of Cambridge

Page 400

Section 1900.0 Scope

1900.4 Conflicting Laws:

end of 3rd line (name of municipality) insert City of Cambridge

The following is a schedule of additions, insertions, deletions, and changes in the BOCA Basic Fire Prevention Code, Second Edition, 1970.

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Section F-2910.0 Fire Safety Requirements

add a new section F 2921.0

F-2921.0 Demolition of Buildings - Approval by the Fire Department must be obtained prior to issuance of a permit to raze by the Building Dept. Demolition shall not commence until said approval and permit is granted.

